

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION
MONTHLY MONITORING REPORT**

PERMITTEE NAME

First Asset Holding

FACILITY NAME

Deer Haven Subdivision

PERMIT NO.

4908-WR-2

PERMITTEE ADDRESS

PO Box 7
Ft Smith AR 72902

FACILITY ADDRESS

15046 Smith Ridge Rd
Garfield AR 72732

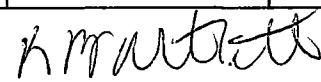
AFIN NO.

04-01681

WASTEWATER EFFLUENT MONITORING PERIOD		
MM/DD/YYYY		MM/DD/YYYY
2/1/2020		2/29/2020

TREATED WASTEWATER EFFLUENT SAMPLING

Parameter	Limit	Sample Measurement	Units	Monitoring	Reporting
Flow, Monthly total	REPORT	0.271,498	MG	Total Flow per calendar month	Prior to the 15th of the following Month
Flow, daily maximum *	REPORT	0.013,362	GPD	Daily	
Carbonaceous Biochemical Oxygen Demand (CBOD5)	30	< 2.0	mg/l	Grab Sample once per month	
Total Suspended Solids (TSS)	45	12.8	mg/l		
Fecal Coliform Bacteria (FCB)	4,000	< 1.0	colonies/100ml		
pH	6.0 - 9.0	7.4	s.u.		
Total Phosphorus (TP)	REPORT		mg/l	Grab sample once per quarter	
Total Kjeldahl Nitrogen (TKN)	REPORT		mg/l		
Ammonia Nitrogen	REPORT		mg/l		
Nitrate Nitrogen (NO3-N) + Nitrite Nitrogen (NO2-N)	REPORT		mg/l		
Plant Available Nitrogen (PAN)	REPORT		mg/l		

NAME OF PRINCIPAL EXECUTIVE OFFICER	<p>I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.</p>	 SIGNATURE OF COGNIZANT OFFICIAL	TELEPHONE
Kathy Bartlett			(479) 530-5926
TYPED OR PRINTED			DATE
			3/13/2020

COMMENTS AND EXPLANATION OF VIOLATIONS (Reference all attachments here)

* LOADING RATE BY ZONE					
Zone 1	2227	Zone 5	2227		
Zone 2	2227	Zone 6	2227		
Zone 3	2227				
Zone 4	2227				

Environmental Services Company, Inc.

Corporate Office
13715 West Markham
Little Rock, AR 72211
Tel: (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch
1107 Century Avenue
Springdale, AR 72762
Tel. (479)750-1170 Fax (479)750-1172

Control Number: 2002020094
Customer Name : DEER HAVEN UTILITY LLC
Customer/Permit No. : 1821 / 4908-WR-1
Report Date : 02/27/20

Sample Date : 02/20/20
Sample Time : 1511
Sample Type : GRAB WATER
Sample From : DOSE TANK/EFFLUENT

Collected By: NTR
Delivery By : NTR
Work Order :
Purchase Order :

Laboratory Analysis

Analysis						
Date	Time	By	Parameter	Result	Notes	Quantity
02/20	1513	NTR	pH	7.4 S.U.		
02/26	1400	TSB	Phosphorous, Total (as P)	8.24 mg/L		
02/25	1345	TSB	Solids, Total Suspended	12.8 mg/L		
02/20	1740	TWM	Fecal Coliform (MPN/100mL)	< 1.0 /100ml		
02/21	1200	TSB	BOD, Carbonaceous	< 2.0 mg/L		

Method
SM 2011 4500-H+ B
EPA 365.3
SM 2011 2540 D
06/2012 Colilert18
SM 2001 5210 B

Quality Assurance

Precision	Accuracy
% RPD	% Recovery
1.34	N/A
1.36	102.0 *
3.28	N/A *
0.00	0.0 *
0.00	96.3 *

* QA data shown is from a different sample or standard on the same date.

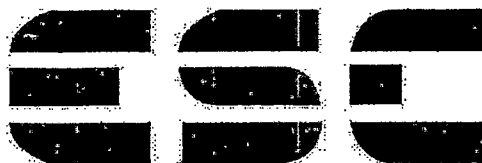
All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature

Environmental Services Co., Inc.

271,498
13,365

Environmental Services Company, Inc.
Northwest Arkansas
1107 Century Street
Springdale, Arkansas 72762
website: www.esclabs.com



Corporate Office, Little Rock, Arkansas
501-221-2565

Carlsbad, New Mexico
575-887-1ESC

Phone: 479-750-1170 Fax: 479-750-1172

CHAIN OF CUSTODY

Client Information						Project Information					Requested Parameters									
Company Name: Deer Haven Utility LLC						Permit/Project #:					pH (23)	Total P (25)	CBOD(70), TSS(28)	Fecal Coliform (43.1F)						
Address: PO Box 127						Purchase Order #:														
Avoca Ar 72711																				
Telephone:						Sampler Name(s): Ned Ryerson														
Telephone:						and Signature(s): Ned Ryerson														
ESC Client Number: 1821																				
Sample Identification		Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#											
Dose Tank/Effluent	2002020094	2/20/20	1511	GRAB	Water	teflon	150 ml	None, Cool [†]	0	X										
Dose Tank/Effluent				GRAB	Water	Plastic	8 oz	H ₂ SO ₄ , pH<2	1	X										
Dose Tank/Effluent				GRAB	Water	Plastic	1 qt	None, Cool [†]	1		X									
Dose Tank/Effluent				GRAB	Water	Whirlpak	100 ml	Na ₂ S ₂ O ₄ Cool [†]	1			X								
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround: Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>												
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
Comments: 0		2/20/20	1735	Tyler Week Thi		2/20/20	1735													
				FLOW DATA		Field Test		Time	Analyst	Result	Result	Units								
				Analyst:		pH:		1513	NOL	7.4	7.5	S.U.								
				Time:		Temp.:						°C °F								
				Reading:		DO:														
				Units:		Debris:														
Cool all samples to 6 degrees C.								Chlorinated? Yes No		This Document is Page 1 of 1										

NWA UTILITY SERVICES, INC

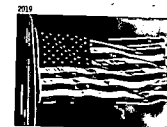
PO Box 9299
Fayetteville, AR
72703



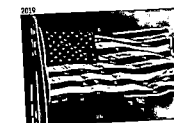
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ADEQ
Water Div. Permits Branch
5301 Northshore Drive
N. Little Rock, AR
72118